

***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

Applicant: Koichi EBATA  
Title: RADIO NETWORK MONITOR DEVICE AND  
MONITOR SYSTEM  
Appl. No.: 10/588,456  
International Filing Date: 2/14/2005  
371(c) Date: 8/4/2006  
Examiner: Mapa, Michael Y.  
Art Unit: 2617  
Confirmation Number: 5744

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicant in order to comply with Applicant's duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicant does not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

### **TIMING OF THE DISCLOSURE**

The instant Information Disclosure Statement is being filed after the mailing date of the final action under 37 CFR §1.113. Accordingly, pursuant to 37 CFR §1.97(d), a statement and fee are required.

### **RELEVANCE OF EACH DOCUMENT**

The documents listed on the attached PTO/SB/08 were cited as being relevant during the prosecution of the corresponding Japanese application. A copy of the Japanese Office Action dated July 21, 2010 is attached herewith. A partial English translation of the Japanese Office Action follows:

#### Concise explanation of the relevance

It is described in the cited reference 1 (specially, see paragraphs [0021] to [0035]) that the management station collects information of the stations that each line concentrator preserves in the tables, and sequentially estimates the connection constitution from the overlapping of the information of the stations, the management station automatically recognizes the stations connected to the line concentrator from the contents of the tables, and prepares the network constitution diagram from the estimated connection constitution, and each line concentrator extracts the address whenever the frame arrives, and prepares the table.

Herein, the system, in which the access points are provided and the access point has the learning table, is well-known, for example, as described in the cited reference 2 and the cited reference 3, whereby those skilled in the art are able to easily make a configuration so that the above well-known system is adopted as a system of the cited reference 1 and the management station manages it.

Thus, it is a matter that those skilled in the art would have been able to easily conceive to assume the constitution, which resembles that of the invention related

to claims 1, 7, 15, and 21 of this application, by applying the well-known system for the invention described in the cited reference 1.

It is described in the cited reference 4 (specially, see paragraphs [0026] and [0030]) that the aging counter is applied for the learning table and the learning table is employed for determining whether the entry is effective, and it is a matter that is generally done to judge the operation situation by employing the aging counter.

It is described in the cited reference 5 (specially, see paragraphs [0001] to [0018]) that the transmission source address sent from the server is compared with the data stored in the terminal control information storage part, and the communication connection is determined to be non-permitted when the former does not coincide with the latter, and it is a matter that is generally done to manage the address, being a target of management.

List of references cited

1. JP08-032607 A
2. JP2001-136172 A
3. JP08-274804 A
4. JP2002-051066 A
5. JP08-154093 A

Record of prior art search result

Field of search	IPC H04L12/28-46 H04W84/12
Prior Art reference	JP2002-271392 A JP08-274782 A

This record of prior art search result does not constitute reasons for refusal.

Some of the documents cited in the Office Action were previously cited in an Information Disclosure Statement filed August 4, 2006.

Applicant respectfully requests that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

**STATEMENT**

The undersigned hereby states in accordance with 37 CFR §1.97(e)(1) that each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to filing of this Statement.


**FEE**

Fees in the amount of \$180.00 to cover the fee associated with an information disclosure statement under 37 CFR §1.97(d) are being paid by credit card via EFS-Web.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this submission under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by the credit card payment instructions in EFS-Web being incorrect or absent, resulting in a rejected or incorrect credit card transaction, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date 10/20/2010

By 

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